

## WHAT IS CLAIMED, IS

1. A display apparatus with a cathode ray tube and a degaussing circuit  
5 fed by a voltage and comprising :  
- at least a PTC resistor;  
- at least a degaussing coil;  
with means for selecting an impedance of the degaussing circuit based  
on said voltage.
- 10 2. A display apparatus according to claim 1, comprising a voltage  
sensor circuit for measuring said voltage and at least one switch  
controlled by said voltage sensor circuit.
- 15 3. A display apparatus according to claim 2, wherein said switch  
selectively connects a first PTC resistor or a second PTC resistor in the  
degaussing circuit.
- 20 4. A display apparatus according to claim 2, wherein said degaussing  
circuit comprises a first degaussing coil and a second degaussing coil  
and wherein said first degaussing coil and said second degaussing coil  
are selectively connected in series or in parallel.
- 25 5. A process for controlling a display apparatus according to claim 1,  
with the successive steps of :  
- sensing said voltage;  
- selecting said impedance based on said voltage;  
- operating said degaussing circuit.
- 30 6. A degaussing circuit for a display apparatus with a cathode ray tube,  
the degaussing circuit being fed by a voltage and comprising :

- at least a PTC resistor;
  - at least a degaussing coil;
- with by means for changing the impedance of the degaussing circuit based on said voltage.

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7. A degaussing circuit according to claim 6, comprising a voltage sensor circuit for measuring said voltage and at least one switch controlled by said voltage sensor circuit.

10 8. A degaussing circuit according to claim 7, wherein said switch selectively connects a first PTC resistor or a second PTC resistor in-circuit.

15 9. A degaussing circuit according to claim 7, comprising a first degaussing coil and a second degaussing coil, wherein said first degaussing coil and said second degaussing coil are selectively connected in series or in parallel.

20 10. A Process for degaussing a cathode ray tube with a degaussing circuit fed by a voltage, comprising the successive steps of :

- sensing said voltage;
- selecting an impedance of said degaussing circuit based on said voltage;
- supplying said voltage to said degaussing circuit.

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